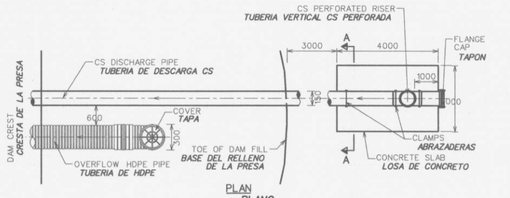
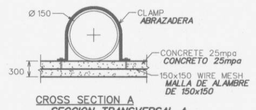
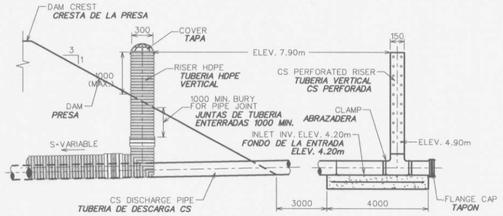


PLAN
PLANO



CROSS SECTION A
SECCION TRANSVERSAL A



SIDE VIEW
VISTA LATERAL

HOLES IN RISER PIPE
PERFORACIONES EN LA TUBERIA VERTICAL

ELEV. (m) ELEV.	DIAMETER (mm) DIAMETRO	No. HOLES PER ELEV. No. DE PERFORACIONES POR ELEV.
4.90	25	2
5.20	25	2
5.90	25	2
6.20	50	2
6.50	75	2
6.80	75	2
7.10	75	2
7.40	75	2
7.70	75	2

RISER AND DROP INLET STRUCTURE DETAIL
REFER TO DWG. 504832-0000-41D1-0023 (DETAIL 02)
NOT TO SCALE

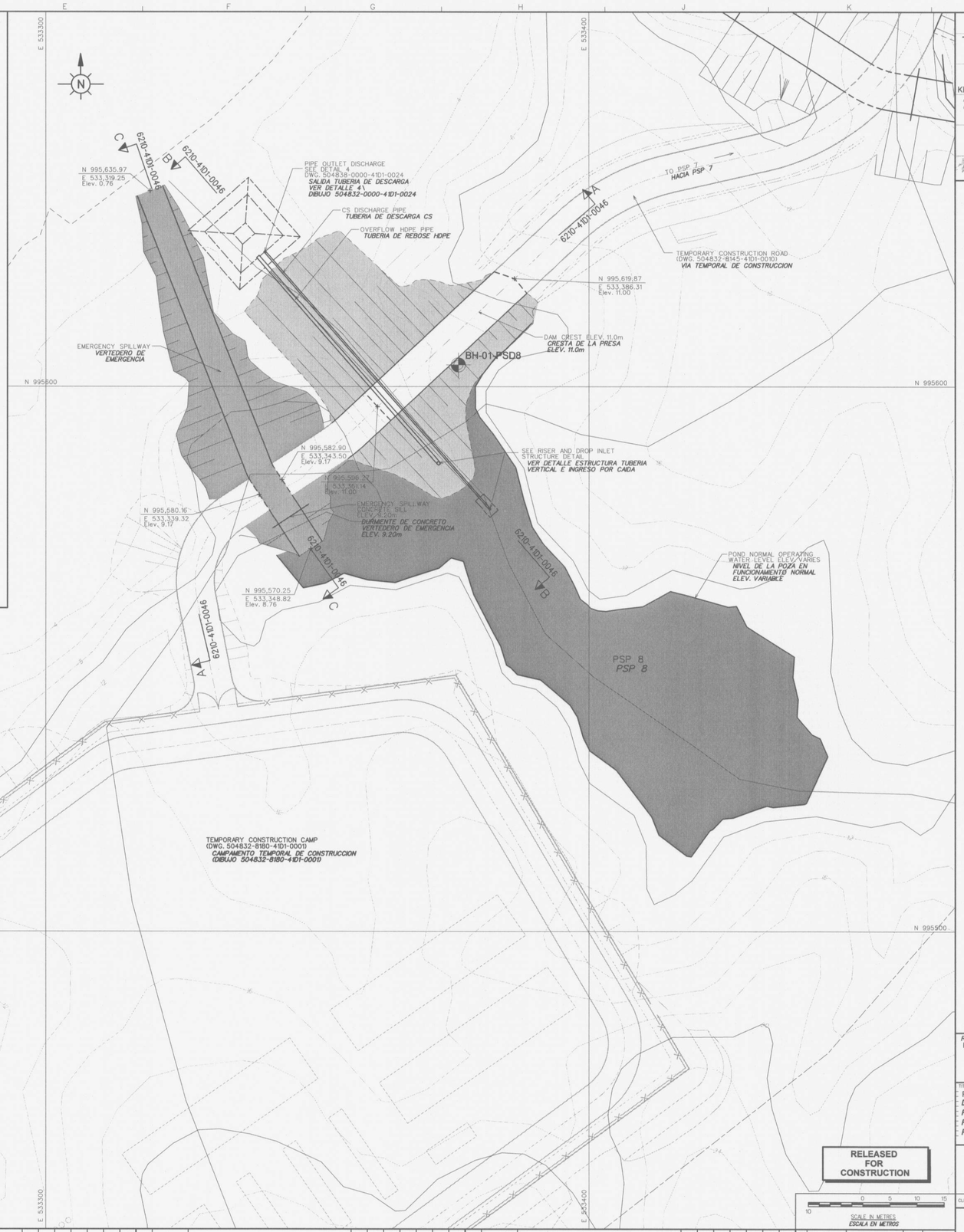
DETALLE ESTRUCTURA TUBERIA VERTICAL E INGRESO POR CAIDA
REFERIRSE AL DIBUJO 504832-0000-41D1-0023 (DETALLE 02)
SIN ESCALA

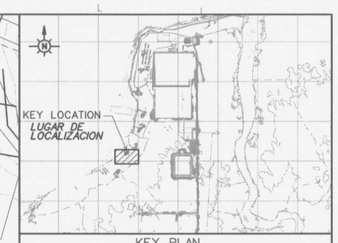
NOTES:
NOTAS:

1. ALL ELEVATIONS, COORDINATES AND DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
   TODAS LAS ELEVACIONES, COORDENADAS Y DIMENSIONES ESTAN EN METROS A MENOS QUE SE INDIQUE LO CONTRARIO.
2. THIS DRAWING ILLUSTRATE THE PLAN OF SEDIMENTATION POND.
   ESTE DIBUJO ILUSTRA EL PLANO DE LA POZA DE SEDIMENTACION.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANY TECHNICAL SPECIFICATIONS, DESIGNS REPORTS AND RELEVANT OTHER DOCUMENTS.
   ESTE DIBUJO ES PARA SER LEIDO JUNTO CON LAS ESPECIFICACIONES TECNICAS, INFORMES DE DISEÑO Y OTROS DOCUMENTOS PERTINENTES.
4. THE DAM FOUNDATION IS TO BE STRIPPED OF ORGANICS AND UNSUITABLES MATERIALS (VARIES THICKNESS). THE EXCAVATION LIMIT WILL VARY DEPENDING ON THE FIELD FOUNDATION CONDITIONS ENCOUNTERED.
   LA FUNDACION DE LA PRESA SERA LIMPIADA DE MATERIALES ORGANICOS Y NO ADECUADOS (ESPESOR VARIABLE). EL LIMITE DE EXCAVACION SERA VARIABLE DEPENDIENDO DE LAS CONDICIONES DE LA CIMENTACION ENCONTRADO.
5. ALL FILL MATERIALS ARE TO BE OBTAINED FROM AN APPROVED SOURCE. 25cm OF OVERBUILD TO BE ALLOWED FOR POST CONSTRUCTION SETTLEMENT.
   TODO MATERIAL DE RELLENO SERA OBTENIDO DE UNA FUENTE APROBADA. 25cm DE SOBRE DIMENSIONAMIENTO SERAN PERMITIDOS PARA ABSORVER ASENTAMIENTOS DESPUES DE LA CONSTRUCCION.
6. REFER TO TECHNICAL SPECIFICATIONS FOR MATERIAL AND PLACEMENT REQUIREMENTS OF VARIOUS FILL ZONES.
   DOCUMENTS 504832-2310-4GEF-001
   504832-2310-4GEF-002
   REFERIRSE A LAS ESPECIFICACIONES TECNICAS DE MATERIALES Y A LOS REQUERIMIENTOS DE UBICACION DE LAS DIFERENTES ZONAS DE RELLENO.
   DOCUMENTOS 504832-2310-4GEF-001
   504832-2310-4GEF-002
7. FOR TYPICAL SECTIONS AND DETAILS SEE DWG:
   504832-0000-41D1-0022
   504832-0000-41D1-0023
   504832-0000-41D1-0024
   PARA SECCIONES Y DETALLES TIPICOS VER DIBUJOS: 504832-0000-41D1-0022
   504832-0000-41D1-0023
   504832-0000-41D1-0024

CONSTRUCTION STRATEGY:
ESTRATEGIA DE CONSTRUCCION

1. CONSTRUCT COFFERDAM
   CONSTRUIR EL DIQUE
2. CONSTRUCT CONSTRUCTION DIVERSION CHANNEL IF APPLICABLE; OR IMPLEMENT OTHER DEWATERING MEASURES
   CONSTRUIR EL CANAL DE DESVIO DE CONSTRUCCION SI ES APLICABLE; O IMPLEMENTAR OTRAS MEDIDAS DE DESVIO DE AGUA
3. CONSTRUCT NORMAL OPERATING WATER LEVEL DISCHARGE PIPE
   CONSTRUIR LA TUBERIA DE DESCARGA DE NIVEL DE AGUA EN OPERACION NORMAL
4. INSTALL INLET STRUCTURE
   INSTALAR LA ESTRUCTURA DE ENTRADA
5. PLACE AND COMPACT ENGINEERING FILL IN THE DAM AND AROUND ALL PIPES AND SEEPAGE COLLARS
   COLOCAR Y COMPACTAR EL RELLENO TECNICO EN LA PRESA Y ALREDEDOR DE LAS TUBERIAS Y LOS COLLARES DE FILTRACION
6. FILL THE DIVERSION CHANNEL, IF APPLICABLE
   LLENAR EL CANAL DE DESVIO, SI ES APLICABLE
7. CONSTRUCT MAIN DAM AND SPILLWAY
   CONSTRUIR PRESA PRINCIPAL Y VERTEDERO
8. CLOSE THE LOWER INLET TO THE INLET STRUCTURE
   CERRAR LA PARTE BAJA HACIA LA ESTRUCTURA DE ENTRADA





KEY PLAN
PLANO CLAVE

ABBREVIATIONS:
ABREVIACIONES:

PSP	PORT SEDIMENTATION POND *POZA DE SEDIMENTACION DEL PUERTO*
HDPE	HIGH DENSITY POLYETHYLENE *POLIETILENO DE ALTA DENSIDAD*
CS	CARBON STEEL *ACERO AL CARBONO*

RELEASED FOR CONSTRUCTION

SCALE IN METRES
ESCALA EN METROS
0 5 10 15
10

NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG. MAN.
04	12/09/26	RELEASED FOR CONSTRUCTION							
03	12/08/21	GENERAL REVISION- RELEASED FOR CLIENT REVIEW	WC	TF	TF	BM			
02	12/05/25	FORMAT SHEET REVISED	WC	WP	WP	BM	BM		
01	12/05/03	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			
00	12/04/19	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			

JVP				
DESIGNED	K. HOJKA	KH	12/02/13	
DRAWN	MP JACINTO	MP	12/02/14	
CHECKED	H. BABA			
APPROVED LEAD ENG.	W. PALMER			
APPROVED ENG. MAN.				
APPROVED AREA MAN.				
CLIENT APPROVED AREA LEAD				
CLIENT APPROVED ENG. MAN.				

SCALE 1:300

DWG. NO.	REFERENCES
6210-41D1-0046	PORT SITE DEVELOPMENT - PORT SITE PREPARATION SEDIMENTATION PONDO 8 - SECTIONS

REPRESENTANTE LEGAL
LEGAL REPRESENTATIVE

DOCUMENTO DE INDENTIFICACION:
IDENTIFICATION DOCUMENT:

TITULO
PROYECTO MINA DE COBRE PANAMA
DESAROLLO DEL SITIO DE PUERTO
PREPARACION DEL SITIO DE PUERTO
POZA DE SEDIMENTACION 8 - CONTRATO C-9012A
PLANO

Minera Panamá

CLIENT
CLIENT DWG. NO.

JVP Joint Ventures Panama Inc.

ESTE PLANO ES PROPIEDAD DE JOINT VENTURE PANAMA LIMITADA. SU USO Y REPRODUCCION ESTAN SUJETOS A LOS TERMINOS DEL CONTRATO BAJO EL CUAL FUE PREPARADO. PROHIBIDA SU REPRODUCCION A MENOS QUE ESTA EXPRESAMENTE AUTORIZADO.
THIS DRAWING IS THE PROPERTY OF JOINT VENTURE PANAMA LMTD, AND THE USE OF IT IS SUBJECT TO THE TERMS OF THE CONTRACT UNDER WHICH IT WAS PREPARED. THIS DRAWING MAY NOT BE COPIED EXCEPT AS EXPRESSLY PROVIDED THEREIN.

PROFESSIONAL ENGINEER | NAME | NO.

TITLE
MINA DE COBRE PANAMA PROJECT
PORT SITE DEVELOPMENT
PORT SITE PREPARATION
SEDIMENTATION POND 8 - CONTRACT C-9012A
PLAN

PROJECT NO.	AREA	DISC.	DOC.	DRAWING NUMBER	REVISION NUMBER
504832	6210	41	D1	0045	04

Format "AD" Sheet Size

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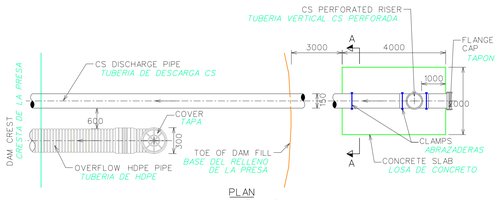
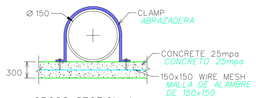
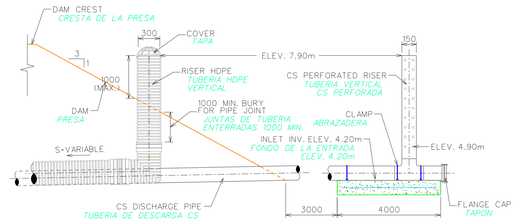


PLAN
PLANO



CROSS SECTION A
SECCION TRANSVERSAL A



SIDE VIEW
VISTA LATERAL

HOLES IN RISER PIPE
PERFORACIONES EN LA TUBERIA VERTICAL

ELEV. (m) *ELEV.*	DIAMETER (mm) *DIAMETRO*	No. HOLES PER ELEV. *No. DE PERFORACIONES POR ELEV.*
4.90	25	2
5.20	25	2
5.90	25	2
6.20	50	2
6.50	75	2
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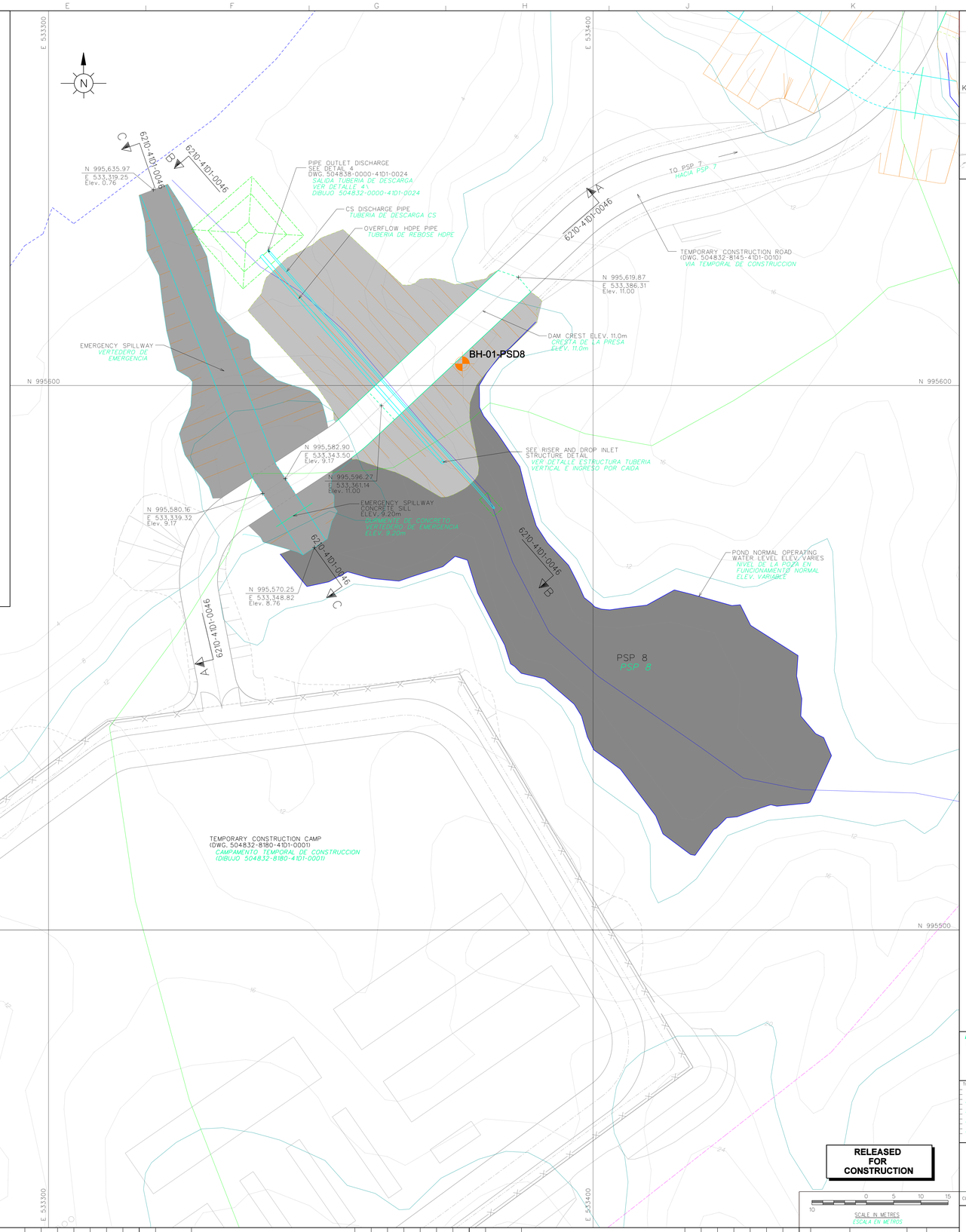
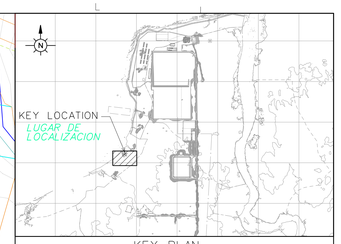
7.10	75	2
7.40	75	2
7.70	75	2

RISER AND DROP INLET STRUCTURE DETAIL
REFER TO DWG. 504832-0000-41D1-0023 (DETAIL 02)
NOT TO SCALE

DETALLE ESTRUCTURA TUBERIA VERTICAL E INGRESO POR CAIDA
REFERIRSE AL DIBUJO 504832-0000-41D1-0023 (DETALLE 02)
SIN ESCALA





KEY PLAN
PLANO CLAVE

ABBREVIATIONS:
ABREVIACIONES:

PSP	PORT SEDIMENTATION POND *POZA DE SEDIMENTACION DEL PUERTO*
HDPE	HIGH DENSITY POLYETHYLENE *POLIETILENO DE ALTA DENSIDAD*
CS	CARBON STEEL *ACERO AL CARBONO*

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   DOCUMENTS 504832-2310-4GEF-001
   504832-2310-4GEF-002
   REFERIRSE A LAS ESPECIFICACIONES TECNICAS DE MATERIALES Y A LOS REQUERIMENTOS DE UBICACION DE LAS DIFERENTES ZONAS DE RELLENO.
   DOCUMENTOS 504832-2310-4GEF-001
   504832-2310-4GEF-002
7. FOR TYPICAL SECTIONS AND DETAILS SEE DWG:
   504832-0000-41D1-0022
   504832-0000-41D1-0023
   504832-0000-41D1-0024
   PARA SECCIONES Y DETALLES TIPICOS VER DIBUJOS: 504832-0000-41D1-0022
   504832-0000-41D1-0023
   504832-0000-41D1-0024

CONSTRUCTION STRATEGY:
ESTRATEGIA DE CONSTRUCCION

1. CONSTRUCT COFFERDAM
   CONSTRUIR EL DIQUE
2. CONSTRUCT CONSTRUCTION DIVERSION CHANNEL IF APPLICABLE; OR IMPLEMENT OTHER DEWATERING MEASURES
   CONSTRUIR EL CANAL DE DESVIO DE CONSTRUCCION SI ES APLICABLE; O IMPLEMENTAR OTRAS MEDIDAS DE DESVIO DE AGUA
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   CONSTRUIR PRESA PRINCIPAL Y VERTEDERO
8. CLOSE THE LOWER INLET TO THE INLET STRUCTURE
   CERRAR LA PARTE BAJA HACIA LA ESTRUCTURA DE ENTRADA

RELEASED FOR CONSTRUCTION

0 5 10 15
10
SCALE IN METRES
ESCALA EN METROS

REPRESENTANTE LEGAL
LEGAL REPRESENTATIVE

DOCUMENTO DE INDENTIFICACIÓN:
IDENTIFICATION DOCUMENT:

TITULO
PROYECTO MINA DE COBRE PANAMA
DESAROLLO DEL SITIO DE PUERTO
PREPARACION DEL SITIO DE PUERTO
POZA DE SEDIMENTACION 8 - CONTRATO C-9012A
PLANO

Minera Panamá

CLIENT
CLIENT DWG. NO.

JVP Joint Venture Panama Inc.

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PROFESSIONAL ENGINEER: NAME
NO.

DESIGNED	K. HOJKA	KH	12/02/13
DRAWN	MP. JACINTO	MPJ	12/02/14
CHECKED	H. BABA		
APPROVED LEAD. ENG.	W. PALMER		
APPROVED ENG. MAN.			
APPROVED AREA MAN.			
APPROVED AREA LEAD.			
APPROVED ENG. MAN.			

JVP / CLIENT

SCALE 1:300

TITLE
MINA DE COBRE PANAMA PROJECT
PORT SITE DEVELOPMENT
PORT SITE PREPARATION
SEDIMENTATION POND 8 - CONTRACT C-9012A
PLAN

PROJECT NO.	AREA	DISC.	DOC.	DRAWING NUMBER	REVISION NUMBER
504832	6210	41	D1	0045	04

Format 'A0' Sheet Size

NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG. MAN.
04	12/09/26	RELEASED FOR CONSTRUCTION							
03	12/08/21	GENERAL REVISION- RELEASED FOR CLIENT REVIEW	WC	TF	TF	BM			
02	12/05/25	FORMAT SHEET REVISED	WC	WP	WP	BM	BM		
01	12/05/03	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			
00	12/04/19	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			

DWG. NO.	REFERENCES
6210-41D1-0046	PORT SITE DEVELOPMENT - PORT SITE PREPARATION SEDIMENTATION PONDO 8 - SECTIONS

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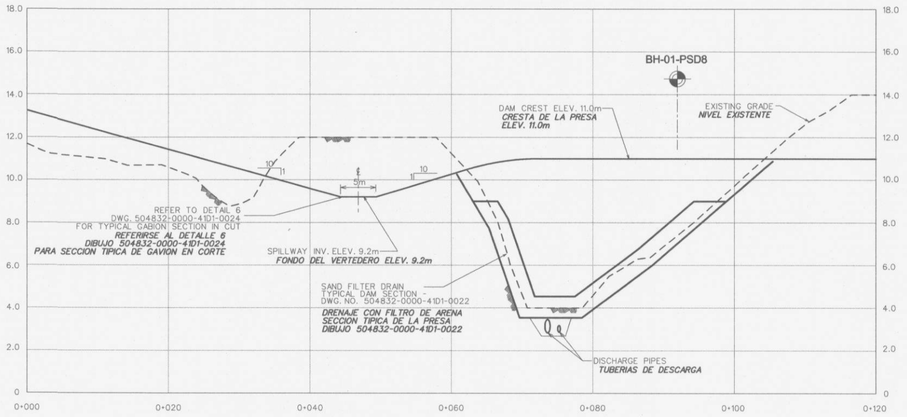


SECTION A-A (DWG. 504832-6210-41D1-0045)
LONGITUDINAL PROFILE ALONG DAM 8 CENTER LINE
SCALE 1:300 HOR.
1:100 VERT.

SECCION A-A
PERFIL LONGITUDINAL A LO LARGO DE LA LINEA CENTRAL DE LA PRESA 8
ESCALA 1:300 HOR.
1:100 VERT.

PSP 8** SPILLWAY DIMENSIONS*
PSP 8** DIMENSIONES VERTEDERO*

SPILLWAY HEIGHT (H2(m) ALTURA VERTEDERO	SLOPE(m) PENDIENTE	GABION HEIGHT (h3(m) ALTURA GAVION	WIDTH(B1(m) ANCHO
7.5	25	0.5	5.0

PSP 8 STILLING BASIN DIMENSIONS*
DIMENSIONES ESTANQUE DE AMORTIGUACION PSP 8*

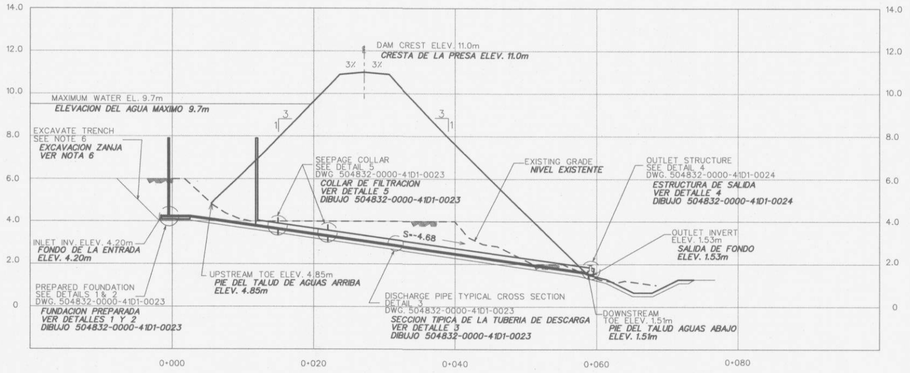
LENGTH (L1(m) LONGITUD	COUNTERWEIR (h2) VERTEDERO DE REBOSE	WIDTH (B2) ANCHO	SIDE WALL ON STILLING BASINS PARED LATERAL EN EST. AMORTIGUACION
7.0	0.5	5.0	1.0

* FOR PROFILE OF SPILLWAY AND STILLING BASIN SEE DWG. 504832-0000-41D1-0022
PARA PERFIL DEL VERTEDERO Y DEL ESTANQUE DE AMORTIGUACION VER DIBUJO 504832-0000-41D1-0022

** SINGLE LAYER OF GABIONS AT BOTTOM OF SPILLWAY REQUIRED
SE REQUIERE UNA SOLA CAPA DE GAVIONES EN LA PARTE BAJA DEL VERTEDERO

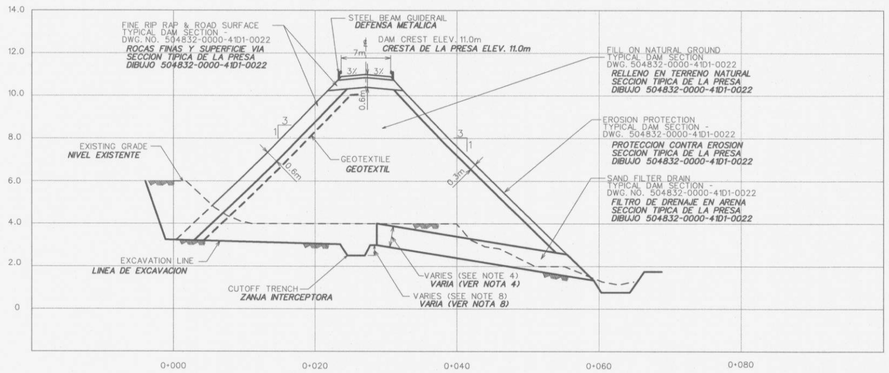
NOTES:
NOTAS:

1. ALL DIMENSIONS AND ELEVATIONS SHOWN ON THIS DRAWING ARE IN METERS.
TODAS LAS DIMENSIONES Y ELEVACIONES MOSTRADAS EN ESTE DIBUJO ESTAN EN METROS.
2. THIS DRAWING ILLUSTRATES THE SECTIONS OF THE DAM AND SPILLWAY OF SEDIMENTATION POND 8.
ESTE DIBUJO ILUSTRA LAS SECCIONES DE LA PRESA Y VERTEDERO DE LA POZA DE SEDIMENTACION 8.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANY TECHNICAL SPECIFICATIONS, DESIGNS REPORTS AND RELEVANT OTHER DOCUMENTS.
ESTE DIBUJO ES PARA SER LEIDO JUNTO CON LAS ESPECIFICACIONES TECNICAS, INFORMES DE DISERO Y OTROS DOCUMENTOS PERTINENTES.
4. THE DAM FOUNDATION IS TO BE STRIPPED OF ORGANICS AND THE REMOVAL OF UNSUITABLES MATERIALS (VARIES THICKNESS). THE EXCAVATION LIMIT WILL VARY DEPENDING ON THE FIELD FOUNDATION CONDITIONS ENCOUNTERED.
LA FUNDACION DE LA PRESA SERA LIMPIADA DE MATERIAL ORGANICO Y SE ELIMINARAN LOS MATERIALES NO ADECUADOS (ESPESOR VARIABLE). EL LIMITE DE EXCAVACION SERA VARIABLE DEPENDIENDO DE LAS CONDICIONES DE LA CIMENTACION ENCONTRADAS.
5. ALL FILL MATERIALS ARE TO BE OBTAINED FROM AN APPROVED SOURCE. 25cm OF OVERBUILD TO BE ALLOWED FOR POST CONSTRUCTION SETTLEMENT.
TODO MATERIAL DE RELLENO SERA OBTENIDO DESDE UNA FUENTE APROBADA. 25cm DE SOBRE DIMENSIONAMIENTO SERAN PERMITIDOS PARA ABSORVER ASENTAMIENTOS DESPUES DE LA CONSTRUCCION.
6. TRENCH WILL BE REQUIRED TO ACCOMMODATE THE DISCHARGE PIPE AND INTAKE STRUCTURE. THE DEPTH OF TRENCH WILL VARY FOR VARIOUS DAMS DEPENDING ON ACTUAL GROUND ELEVATION AND TO MEET THE DESIGN ELEVATIONS FOR THE INTAKE STRUCTURE.
SE REQUERIRA UNA ZANJA PARA ACOMODAR LA TUBERIA DE DESCARGA Y LA ESTRUCTURA DE TOMA. LA PROFUNDIDAD DE LA ZANJA VARIARA PARA VARIAS PRESAS DEPENDIENDO DE LA ELEVACION DEL NIVEL EXISTENTE Y CUMPLIR CON LAS ELEVACIONES DE DISERO PARA LA ESTRUCTURA DE TOMA.
7. FOR TYPICAL SECTIONS AND DETAILS SEE DWG:
504832-0000-41D1-0022
504832-0000-41D1-0023
504832-0000-41D1-0024
PARA SECCIONES Y DETALLES TIPICOS VER DIBUJOS:
504832-0000-41D1-0022
504832-0000-41D1-0023
504832-0000-41D1-0024
8. DEPTH OF CUTOFF TRENCH TO BE DETERMINATED ON SITE BY THE ENGINEER.
LA PROFUNDIDAD DE LA ZANJA INTERCEPTORA SERA DETERMINADA EN SITIO POR EL INGENIERO.



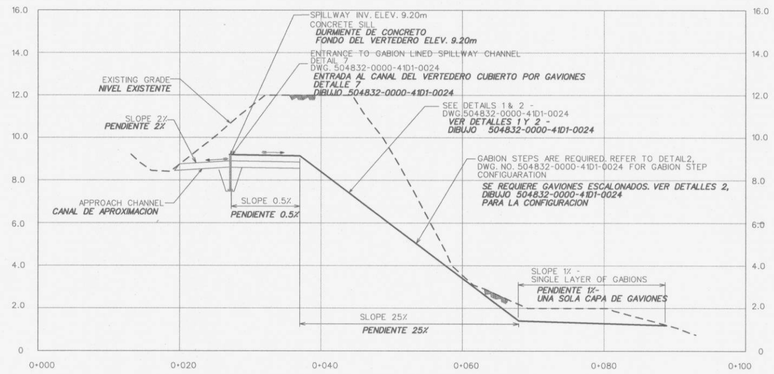
SECTION B-B (DWG. 504832-6210-41D1-0045)
PROFILE ALONG DISCHARGE PIPE
SCALE 1:300 HOR.
1:100 VERT.

SECCION B-B
PERFIL A LO LARGO DE LA TUBERIA DE DESCARGA
ESCALA 1:300 HOR.
1:100 VERT.



DETAIL OF DAM
SCALE 1:300 HOR.
1:100 VERT.

DETALLE DE LA PRESA
ESCALA 1:300 HOR.
1:100 VERT.



SECTION C-C (DWG. 504832-6210-41D1-0045)
PROFILE ALONG SPILLWAY
SCALE 1:300 HOR.
1:100 VERT.

SECCION C-C
PERFIL A LO LARGO DEL VERTEDERO
ESCALA 1:300 HOR.
1:100 VERT.

RELEASED FOR CONSTRUCTION

SCALE IN METRES
ESCALA EN METROS
0 5 10 15
10

0000-41D1-0024	GENERAL-SITE DEVELOPMENT-SEDIMENTATION PONDS - TYPICAL DETAILS FOR SPILLWAYS & DISCHARGE PIPES																						
0000-41D1-0023	GENERAL-SITE DEVELOPMENT-SEDIMENTATION PONDS - TYPICAL DETAILS FOR INLET DISCHARGE PIPE STRUCT.																						
0000-41D1-0022	GENERAL - SITE DEVELOPMENT- SEDIMENTATION PONDS - TYPICAL DAM SECTIONS																						
6210-41D1-0045	PORT SITE DEVELOPMENT - PORT SITE PREPARATION SEDIMENTATION POND 8 - PLAN																						
DWG. NO.	REFERENCES	DWG. NO.	REFERENCES	NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG MAN.	NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG MAN.	NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG MAN.
																								03	12/09/26	RELEASED FOR CONSTRUCTION							
																								02	12/08/21	GENERAL REVISION- RELEASED FOR CLIENT REVIEW	WC	TF	TF	BM			
																								01	12/05/25	FORMAT SHEET REVISED	WC	WP	WP	BM	BM		
																								00	12/04/19	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			

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REPRESENTANTE LEGAL
LEGAL REPRESENTATIVE

DOCUMENTO DE INDENTIFICACION:
IDENTIFICATION DOCUMENT:

TITULO
PROYECTO MINA DE COBRE PANAMA
DESAROLLO DEL SITIO DE PUERTO
PREPARACION DEL SITIO DE PUERTO
POZA DE SEDIMETACION 8 - CONTRATO C-9012A
SECCIONES

Minera Panamá

CLIENT | CLIENT DWG. NO.

JVP Joint Venture Panama Inc.

ESTE PLANO ES PROPIEDAD DE JOINT VENTURE PANAMA (JVP), SU USO Y REPRODUCCION ESTAN SUJETOS A LOS TERMINOS DEL ACUERDO BAJO EL CUAL FUE PREPARADO. ESTA PROHIBIDA SU REPRODUCCION A MENOS QUE ESTA EXPRESAMENTE AUTORIZADO.
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PROFESSIONAL ENGINEER | NAME | NO.

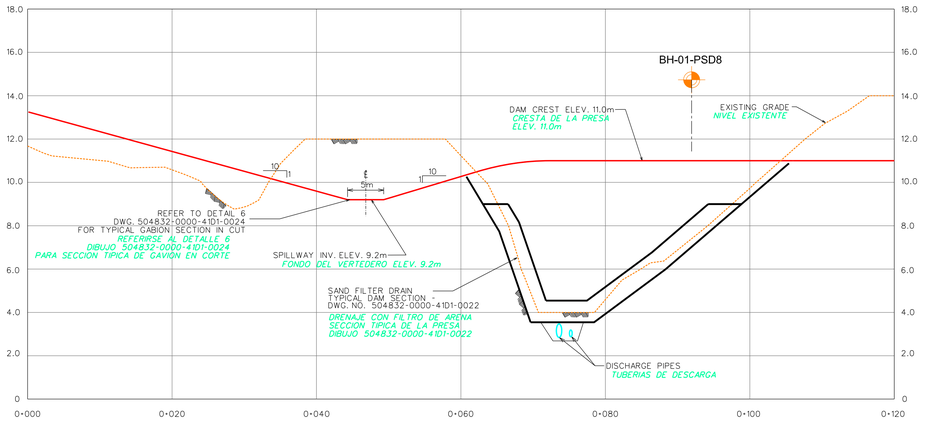
DESIGNED	K.HOJKA	KH	12/02/13
DRAWN	W. CAPANO	WC	12/03/02
CHECKED	H.BABA		
APPROVED LEAD ENG.	W.PALMER		
APPROVED ENG. MAN.	R.PRATS		
APPROVED AREA MAN.	WOODMAN		
APPROVED AREA LEAD.			
APPROVED ENG. MAN.			

SCALE 1:300 | NAME (PRINT) | INT. | DATE

TITLE
MINA DE COBRE PANAMA PROJECT
PORT SITE DEVELOPMENT
PORT SITE PREPARATION
SEDIMENTATION POND 8 - CONTRACT C-9012A
SECTIONS

PROJECT NO.	AREA	DISC.	DOC.	DRAWING NUMBER	REVISION NUMBER
504832	6210	41	D1	0046	03

Format "AD" Sheet Size



SECTION A-A (DWG. 504832-6210-41D1-0045)
LONGITUDINAL PROFILE ALONG DAM 8 CENTER LINE
SCALE 1:300 HOR.
1:100 VERT.

SECCION A-A
PERFIL LONGITUDINAL A LO LARGO DE LA LINEA CENTRAL DE LA PRESA 8
ESCALA 1:300 HOR.
1:100 VERT.

PSP 8** SPILLWAY DIMENSIONS*
PSP 8** DIMENSIONES VERTEDERO*

SPILLWAY HEIGHT (H3)(m) ALTURA VERTEDERO	SLOPE(m) PENDIENTE	GABION HEIGHT (h3)(m) ALTURA GAVION	WIDTH(B1)(m) ANCHO
7.5	25	0.5	5.0

PSP 8 STILLING BASIN DIMENSIONS*
DIMENSIONES ESTANQUE DE AMORTIGUACION PSP 8*

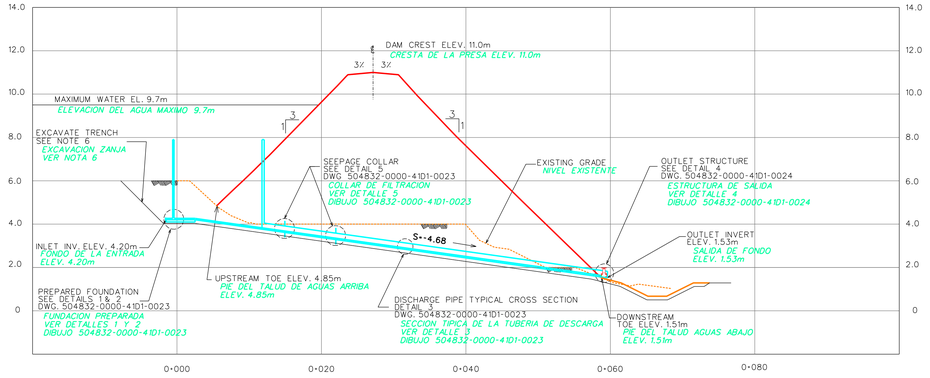
LENGTH (L) (m) LONGITUD	COUNTERWEIR (h2) VERTEDERO DE REBOSE	WIDTH (B2) ANCHO	SIDE WALL ON STILLING BASINS (L) MURO LATERAL EN EST. AMORTIGUACION
7.0	0.5	5.0	1.0

* FOR PROFILE OF SPILLWAY AND STILLING BASIN SEE DWG. 504832-0000-41D1-0022
PARA PERFIL DEL VERTEDERO Y DEL ESTANQUE DE AMORTIGUACION VER DIBUJO 504832-0000-41D1-0022

** SINGLE LAYER OF GABIONS AT BOTTOM OF SPILLWAY REQUIRED
SE REQUIERE UNA SOLA CAPA DE GAVIONES EN LA PARTE BAJA DEL VERTEDERO

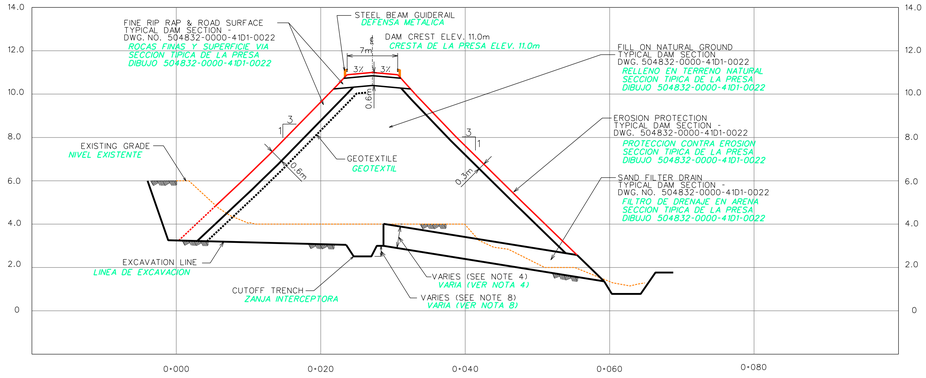
NOTES:
NOTAS:

1. ALL DIMENSIONS AND ELEVATIONS SHOWN ON THIS DRAWING ARE IN METERS.
TODAS LAS DIMENSIONES Y ELEVACIONES MOSTRADAS EN ESTE DIBUJO ESTAN EN METROS.
2. THIS DRAWING ILLUSTRATES THE SECTIONS OF THE DAM AND SPILLWAY OF SEDIMENTATION POND 8.
ESTE DIBUJO ILUSTRA LAS SECCIONES DE LA PRESA Y VERTEDERO DE LA POZA DE SEDIMENTACION 8.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ACCOMPANY TECHNICAL SPECIFICATIONS, DESIGNS REPORTS AND RELEVANT OTHER DOCUMENTS.
ESTE DIBUJO ES PARA SER LEIDO JUNTO CON LAS ESPECIFICACIONES TECNICAS, INFORMES DE DISEÑO Y OTROS DOCUMENTOS PERTINENTES.
4. THE DAM FOUNDATION IS TO BE STRIPPED OF ORGANICS AND THE REMOVAL OF UNSUITABLES MATERIALS (VARIES THICKNESS). THE EXCAVATION LIMIT WILL VARY DEPENDING ON THE FIELD FOUNDATION CONDITIONS ENCOUNTERED.
LA FUNDACION DE LA PRESA SERA LIMPIADA DE MATERIAL ORGANICO Y SE ELIMINARAN LOS MATERIALES NO ADECUADOS (ESPESOR VARIABLE). EL LIMITE DE EXCAVACION SERA VARIABLE DEPENDIENDO DE LAS CONDICIONES DE LA CIMENTACION ENCONTRADAS.
5. ALL FILL MATERIALS ARE TO BE OBTAINED FROM AN APPROVED SOURCE. 25cm OF OVERBUILD TO BE ALLOWED FOR POST CONSTRUCTION SETTLEMENT.
TODO MATERIAL DE RELLENO SERA OBTENIDO DESDE UNA FUENTE APROBADA. 25cm DE SOBRE DIMENSIONAMIENTO SERAN PERMITIDOS PARA ABSORVER ASENTAMIENTOS DESPUES DE LA CONSTRUCCION.
6. TRENCH WILL BE REQUIRED TO ACCOMMODATE THE DISCHARGE PIPE AND INTAKE STRUCTURE. THE DEPTH OF TRENCH WILL VARY FOR VARIOUS DAMS DEPENDING ON ACTUAL GROUND ELEVATION AND TO MEET THE DESIGN ELEVATIONS FOR THE INTAKE STRUCTURE.
SE REQUERIRA UNA ZANJA PARA ACOMODAR LA TUBERIA DE DESCARGA Y LA ESTRUCTURA DE TOMA. LA PROFUNDIDAD DE LA ZANJA VARIARA PARA VARIAS PRESAS DEPENDIENDO DE LA ELEVACION DEL NIVEL EXISTENTE Y CUMPLIR CON LAS ELEVACIONES DE DISEÑO PARA LA ESTRUCTURA DE TOMA.
7. FOR TYPICAL SECTIONS AND DETAILS SEE DWG:
504832-0000-41D1-0022
504832-0000-41D1-0023
504832-0000-41D1-0024
PARA SECCIONES Y DETALLES TIPICOS VER DIBUJOS:
504832-0000-41D1-0022
504832-0000-41D1-0023
504832-0000-41D1-0024
8. DEPTH OF CUTOFF TRENCH TO BE DETERMINATED ON SITE BY THE ENGINEER.
LA PROFUNDIDAD DE LA ZANJA INTERCEPTORA SERA DETERMINADA EN SITIO POR EL INGENIERO.



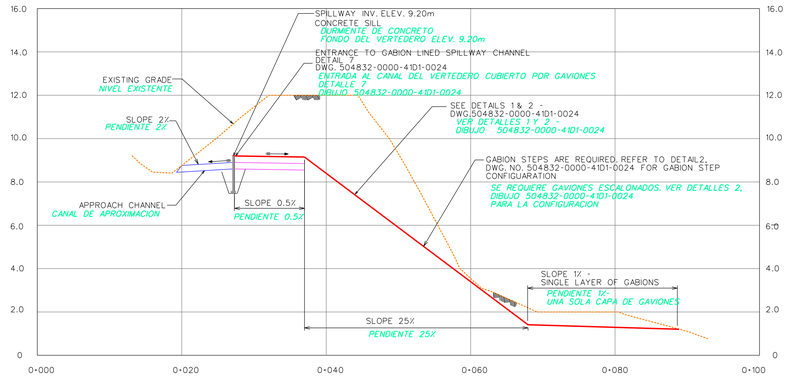
SECTION B-B (DWG. 504832-6210-41D1-0045)
PROFILE ALONG DISCHARGE PIPE
SCALE 1:300 HOR.
1:100 VERT.

SECCION B-B
PERFIL A LO LARGO DE LA TUBERIA DE DESCARGA
ESCALA 1:300 HOR.
1:100 VERT.



DETAIL OF DAM
SCALE 1:300 HOR.
1:100 VERT.

DETALLE DE LA PRESA
ESCALA 1:300 HOR.
1:100 VERT.



SECTION C-C (DWG. 504832-6210-41D1-0045)
PROFILE ALONG SPILLWAY
SCALE 1:300 HOR.
1:100 VERT.

SECCION C-C
PERFIL A LO LARGO DEL VERTEDERO
ESCALA 1:300 HOR.
1:100 VERT.

RELEASED FOR CONSTRUCTION

SCALE IN METRES
ESCALA EN METROS

DESIGNED	K.HOJKA	KH	12/02/13	
DRAWN	W. CAPANO	WC	12/03/02	
CHECKED	H.BABA			
APPROVED LEAD ENG.	W.PALMER			
APPROVED ENG. MAN.				
APPROVED AREA MAN.				
APPROVED AREA LEAD.				
APPROVED ENG. MAN.				

JVP — Joint Venture Panama Inc.

PROFESSIONAL ENGINEER — NAME — NO.

CLIENT — CLIENT DWG. NO.

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REPRESENTANTE LEGAL:
LEGAL REPRESENTATIVE

_____ _____
DOCUMENTO DE IDENTIFICACION:
IDENTIFICATION DOCUMENT:

TITULO
PROYECTO MINA DE COBRE PANAMA
DESAROLLO DEL SITIO DE PUERTO
PREPARACION DEL SITIO DE PUERTO
POZA DE SEDIMETACION 8 - CONTRATO C-9012A
SECCIONES

Minera Panamá

TITLE
MINA DE COBRE PANAMA PROJECT
PORT SITE DEVELOPMENT
PORT SITE PREPARATION
SEDIMENTATION POND 8 - CONTRACT C-9012A
SECTIONS

PROJECT NO.	AREA	DISC.	DOC.	DRAWING NUMBER	REVISION NUMBER
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SCALE 1:300 — NAME (PRINT) — INT. — DATE

Format "A0" Sheet Size

DWG. NO.	REFERENCES
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0000-41D1-0023	GENERAL-SITE DEVELOPMENT-SEDIMENTATION PONDS - TYPICAL DETAILS FOR INLET DISCHARGE PIPE STRUCT
0000-41D1-0022	GENERAL - SITE DEVELOPMENT- SEDIMENTATION PONDS - TYPICAL DAM SECTIONS
6210-41D1-0045	PORT SITE DEVELOPMENT - PORT SITE PREPARATION SEDIMENTATION POND 8 - PLAN

NO.	DATE	REVISIONS	BY	CHK	LEAD ENG.	ENG. MAN.	AREA MAN.	CLIENT AREA LEAD	CLIENT ENG. MAN.
03	12/09/26	RELEASED FOR CONSTRUCTION							
02	12/08/21	GENERAL REVISION- RELEASED FOR CLIENT REVIEW	WC	TF	TF	BM			
01	12/05/25	FORMAT SHEET REVISED	WC	WP	WP	BM	BM		
00	12/04/19	RELEASED FOR CONSTRUCTION	WC	HB	WP	BM			

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